



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/925,466	08/10/2001	Yoshitoshi Yamagiwa	0994-0216P	4584
2292 7590 02/12/2007 BIRCH STEWART KOLASCH & BIRCH PO BOX 747 FALLS CHURCH, VA 22040-0747			EXAMINER SIDDIQI, MOHAMMAD A	
			ART UNIT	PAPER NUMBER
			2154	

SHORTENED STATUTORY PERIOD OF RESPONSE	NOTIFICATION DATE	DELIVERY MODE
3 MONTHS	02/12/2007	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Notice of this Office communication was sent electronically on the above-indicated "Notification Date" and has a shortened statutory period for reply of 3 MONTHS from 02/12/2007.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

mailroom@bskb.com

Office Action Summary	Application No.		Applicant(s)	
	09/925,466		YAMAGIWA ET AL.	
	Examiner		Art Unit	
	Mohammad A. Siddiqi		2154	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11/14/2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,2,4-8,12,14,15,17 and 18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,2,4-8,12,14,15,17 and 18 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1, 2, 4-12, 14-15, 17, and 18 are presented for examination.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1, 2, 4-8, 12, 14-15, 17, and 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kask et al. (6,542,937) (hereinafter Kask) in view of Ghosh et al. (6,741,265) (hereinafter Ghosh).

4. As per claim 1, Kask discloses a method for providing data-processing service, said method comprising the steps of: uploading primary data (col 3, lines 15-25) via the Internet (network-based, 26, fig 1) from a client computer to a server computer of an application service provider (col 3, lines 10-53); and

subjecting the primary data to data processing by using an application program provided in the server computer (col 3, lines 12-53), said application program converting the primary data having a first form to secondary data having a second form different from the first form (col 3, lines 11-53), and

wherein the primary data is product design data and the secondary data is mold design data (col 3, lines 12-53), wherein the product design data is converted by the application program (an interface for transferring data between two applications, col 3, lines 12-53) into the mold design data to design a mold for making the product designed with the product design data (col 3, lines 11-53), and

Kask does not explicitly disclose wherein the subjecting step further comprises providing a screen for allowing a user to selectively designate a format of the product design data among a plurality of formats for different product design data mad to designate a format of the mold design data among a plurality of formats for different mold design data such that the product design data is converted into the mold design data to design the mold for making the product designed with he product design data.

However, Ghosh discloses wherein the subjecting step further comprises providing a screen (graphic user interface, col 7, lines 35-53) for allowing a user to selectively designate a format of the product design data among a

plurality of formats for different product design data and to designate a format of the mold design data among a plurality of formats for different mold design data (design tools, and manufacturing tools; col 3, lines 7-18; col 7, lines 22-53) such that the product design data is converted into the mold design data to design the mold for making the product designed with the product design data (col 7, lines 22-53). It would have been obvious to one of ordinary skill in the art at the time of the invention was made to combine the teachings of Ghosh and Kask. The motivation (Gosh, summary of invention) would have been developing real time web-based collaborative engineering design system.

5. As per claim 2, the claim is rejected for the same reasons as claim 1, above. In addition, Kask discloses the sever computer stores the secondary data in a state that enables the secondary data to be downloaded to the client computer (col 3, lines 16-25).

6. As per claim 4, the claim is rejected for the same reasons as claim 1, above. In addition, Kask discloses the primary data are three dimensional CAD data (col 3, lines 5-53).

7. As per claim 5, the claim is rejected for the same reasons as claim 1, above. In addition, Kask discloses wherein the primary data are three - dimensional CAD data regarding product design (col 3, lines 5-53).

8. As per claim 6, the claim is rejected for the same reasons as claim 1, above. In addition, Kask discloses wherein the secondary data are three-dimensional (col 3, lines 5-53).

9. As per claim 7, the claim is rejected for the same reasons as claim 1, above. In addition, Kask discloses wherein the secondary data are three-dimensional CAD data for mold design (col 3, lines 5-53).

10. As per claim 8, the claim is rejected for the same reasons as claim 1, above. In addition, Ghosh discloses wherein when the primary data are uploaded to the server computer, a backup file containing the primary data is stored so as to enable re-conversion processing to be performed by use of the backup file in a revival processing mode (please see claim 11, col 5, line 54 to col 6, line 21; col 3 lines 5-17).

11. As per claim 9, Ghosh discloses conversion process, and invitation to the client (col 5, line 54 to col 6, line 21), a start mail indicating start of the

conversion processing is transmitted to a mailer of an administrator who administrates the server (col 6, lines 49-65).

12. As per claim 10, the claim is rejected for the same reasons as claim 9, above. In addition, in addition, Ghosh discloses an end mail indicating end of the conversion processing is transmitted to a mailer of an administrator who administrates the server computer (col 6, lines 49-65).

13. As per claim 11, the claim is rejected for the same reasons as claim 10, above. In addition, Ghosh discloses a completion mail indicating completion of the conversion processing is transmitted to a mailer of a user (col 6, lines 49-65)

14. As per claim 12, the claim is rejected for the same reasons as claim 1, above. In addition, Kask discloses further comprising the step of downloading the secondary data from the server computer to the client computer (col 3, lines 10-25).

15. As per claim 14, the claim is rejected for the same reasons as claim 1, above. In addition, Ghosh discloses the primary data is data regarding a product designed using a software program for product and the secondary

data is data for mold design that can be used by a software program for mold design (col 7, lines 5-53).

16. As per claim 15, The claim is rejected for the same reasons as claim 1 above. In addition, Kask discloses the primary data is compatible with a first software program and the secondary data is compatible with a second software program different from the first software program (col 3, lines 5-53).

17. As per claim 17, the claim is rejected for the same reasons as claim 15, above. In addition, Kask discloses the primary data is data regarding a product designed using the first software program, said first software program being for product design and the secondary data is data for mold design that can be used by the second software program, said second software program being for mold design (col 3, lines 5-53)

18. As per claim 18, the claim is rejected for the same reasons as claim 15, above.

Response to Arguments

19. Applicant's arguments with respect to claims 1 and 15 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

20. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

U.S. Patent 6,675,055

U.S. Patent 6, 336,124

U.S. Patent 6,064,382

21. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-

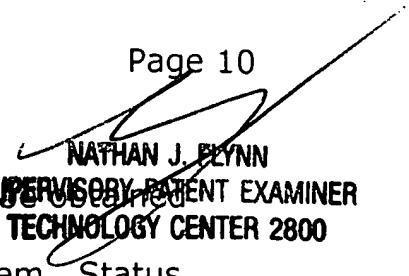
MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mohammad A. Siddiqi whose telephone number is (571) 272-3976. The examiner can normally be reached on Monday -Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan J. Flynn can be reached on (571) 272-1915. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Application/Control Number: 09/925,466
Art Unit: 2154

Page 10


NATHAN J. FLYNN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

MAS